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Basic Patent (No,Kind,Date): CA 2177736 AA 19950706 &lt;No. of Patents: 014&gt;

## PATENT FAMILY:

## AUSTRALIA (AU)

Patent (No,Kind,Date): AU 9514260 A1 19950717

NEW GINKGOLIDE DERIVATIVES AND A PROCESS FOR PREPARING THEM (English)

Patent Assignee: SUNKYONG IND LTD

Author (Inventor): PARK PYEONG-UK; PYO SUNGSOO; LEE SUK-KWAN; SUNG JIN  
HEUNG; KWAK WIE JONG; PARK HWA-KUN; CHO YONG-BAIK; RYU GEUN-HO; KIM  
TAEK SOOPriority (No,Kind,Date): KR 9331993 A 19931231; WO 94KR187 W  
19941230

Applic (No,Kind,Date): AU 9514260 A 19941230

IPC: \* C07D-493/22; A61K-035/78

Derwent WPI Acc No: \* C 95-254827

Language of Document: English

## CANADA (CA)

Patent (No,Kind,Date): CA 2177736 AA 19950706

NEW GINKGOLIDE DERIVATIVES AND A PROCESS FOR PREPARING THEM (English;  
French)

Patent Assignee: SUNKYONG IND LTD (KR)

Author (Inventor): CHO YONG BAIK (KR); KIM TAEK SOO (KR); PYO SUNG  
SOO (KR); SUNG JIN HEUNG (KR); PARK HWA KUN (KR); LEE SUK KWAN  
(KR); RYU GEUN HO (KR); KWAK WIE JONG (KR); PARK PYEONG UK (KR)

Priority (No,Kind,Date): KR 9331993 A 19931231

Applic (No,Kind,Date): CA 2177736 A 19941230

IPC: \* C07D-493/22; A61K-031/365; A61K-031/395

CA Abstract No: \* 123(23)314213X

Derwent WPI Acc No: \* C 95-254827

Language of Document: English

## CHINA (CN)

Patent (No,Kind,Date): CN 1139435 A 19970101

NEW GINKGOLIDE DERIVATIVES AND PROCESS FOR PREPARING THEM (English)

Patent Assignee: SUNKYONG IND LTD (KR)

Author (Inventor): PYEONG-UK PARK (KR); SUNGSOO PYO (KR); LEE  
SUK-KWAN (KR)

Priority (No,Kind,Date): KR 9331993 A 19931231

Applic (No,Kind,Date): CN 94194685 A 19941230

IPC: \* C07D-493/22

CA Abstract No: \* 123(23)314213X

Derwent WPI Acc No: \* C 95-254827

Language of Document: Chinese

Patent (No,Kind,Date): CN 1050132 B 20000308

GINKGOTIDE DERIVATIVES (English)

Patent Assignee: SUNKYONG IND LTD (KR)

Author (Inventor): PYEONG-UK PARK (KR); SUNGSOO PYO (KR); SUK-KWAN  
LEE (KR)

Priority (No,Kind,Date): KR 9331993 A 19931231

Applic (No,Kind,Date): CN 94194685 A 19941230

IPC: \* C07D-493/22

CA Abstract No: \* 123(23)314213X

Derwent WPI Acc No: \* C 95-254827  
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## EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 737195 A1 19961016  
NEW GINKGOLIDE DERIVATIVES AND A PROCESS FOR PREPARING THEM (English;  
French; German)  
Patent Assignee: SUNKYONG IND LTD (KR)  
Author (Inventor): PARK PYEONG-UK (KR); PYO SUNGSOO (KR); LEE  
SUK-KWAN (KR); SUNG JIN HEUNG (KR); KWAK WIE JONG (KR); PARK  
HWA-KUN (KR); CHO YONG-BAIK GGUMMAEUL APARTM (KR); RYU GEUN-HO  
(KR); KIM TAEK SOO DONGSIN APARTEMEN (KR)  
Priority (No,Kind,Date): WO 94KR187 W 19941230; KR 9331993 A  
19931231  
Applic (No,Kind,Date): EP 95905781 A 19941230  
Designated States: (National) DE; ES; FR; GB; GR; IT; SE  
IPC: \* C07D-493/22; A61K-035/78; C07D-307-00  
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Language of Document: English

## HUNGARY (HU)

Patent (No,Kind,Date): ~~HU 9601295~~ A0 19960729  
NEW GINKGOLIDE DERIVATIVES AND A PROCESS FOR PREPARING THEM (English)  
Patent Assignee: SUNKYONG IND CO (KR)  
Author (Inventor): CHO YONG-BAIK (KR); KIM TAEK SOO (KR); KWAK WIE  
JONG (KR); LEE SUK-KWAN (KR); PARK HWA-KUN (KR); PARK PYEONG-UK  
(KR); PYO SUNGSOO (KR); RYU GEUN-HO (KR); SUNG JIN HEUNG (KR)  
Priority (No,Kind,Date): KR 9331993 A 19931231  
Applic (No,Kind,Date): HU 969601295 A 19941230  
CA Abstract No: \* 123(23)314213X  
Derwent WPI Acc No: \* C 95-254827  
Language of Document: Hungarian  
Patent (No,Kind,Date): HU T74579 A2 19970128  
NEW GINKGOLIDE DERIVATIVES, PROCESS FOR PREPARING THEM AND  
PHARMACEUTICAL COMPOSITION CONTAINING THEM (English)  
Patent Assignee: SUNKYONG IND CO (KR)  
Author (Inventor): CHO YONG-BAIK (KR); KIM TAEK SOO (KR); KWAK WIE  
JONG (KR); LEE SUK-KWAN (KR); PARK HWA-KUN (KR); PARK PYEONG-UK  
(KR); PYO SUNGSOO (KR); RYU GEUN-HO (KR); SUNG JIN HEUNG (KR)  
Priority (No,Kind,Date): KR 9331993 A 19931231  
Applic (No,Kind,Date): HU 969601295 A 19941230  
IPC: \* C07D-493/22; A61K-031/34  
CA Abstract No: \* 123(23)314213X  
Derwent WPI Acc No: \* C 95-254827  
Language of Document: Hungarian

## JAPAN (JP)

Patent (No,Kind,Date): JP 3187838 B2 20010716  
Priority (No,Kind,Date): KR 9331993 A 19931231  
Applic (No,Kind,Date): JP 95517942 A 19941230  
IPC: \* C07D-493/22; A61K-031/365; A61K-031/4025; A61K-031/4196;  
A61K-031/443; A61K-031/4525; A61K-031/4709; A61K-031/496;  
A61K-031/5377; A61P-001/00; A61P-001/04; A61P-001/16; A61P-007/02;  
A61P-007/04; A61P-009/06; A61P-009/10; A61P-011/00; A61P-011/06;  
A61P-017/00; A61P-017/06; A61P-029/00; A61P-037/02; A61P-037/06;  
A61P-037/08; A61P-043/00  
CA Abstract No: \* 123(23)314213X  
Derwent WPI Acc No: \* C 95-254827  
Language of Document: Japanese

Patent (No,Kind,Date): JP 9506107 T2 19970617  
Priority (No,Kind,Date): WO 94KR187 W 19941230; KR 9331993 A  
19931231  
Applic (No,Kind,Date): JP 94517942 A 19941230  
IPC: \* C07D-493/22; A61K-031/34  
Language of Document: Japanese

## KOREA, REPUBLIC (KR)

Patent (No,Kind,Date): KR 136986 B1 19980425  
NEW GINKORIDE DERIVATIVES AND A PROCESS PREPARING THEM (English)  
Patent Assignee: SUNKYONG IND LTD (KR)  
Author (Inventor): PARK BYUNG-WOOK (KR); PYO SUNG-SOO (KR); LEE  
SUK-KWAN (KR); SUNG JIN-HONG (KR); KWAK EUI-JONG (KR); PARK  
HWA-KEUN (KR); CHO YONG-BAEK (KR); RYU KEUN-HO (KR); KIM TAEK-SOO  
(KR)  
Priority (No,Kind,Date): KR 9434966 A 19941219; KR 9331993 A  
19931231  
Applic (No,Kind,Date): KR 9434966 A 19941219  
IPC: \* C07D-493/22; C07D-307/93  
CA Abstract No: \* 123(23)314213X  
Derwent WPI Acc No: \* C 95-254827  
Language of Document: Korean

## POLAND (PL)

Patent (No,Kind,Date): PL 315174 A1 19961014  
NOVEL DERIVATIVES OF GINGOLYDES AND METHOD OF OBTAINING THEM (English)  
Patent Assignee: SUNKYONG IND CO (KR)  
Author (Inventor): PARK PYEONG-UK (KR); PYO SUNG-SOO (KR); LEE  
SUK-KWAN (KR); SUNG JIN HEUNG (KR); KWAK WIE JONG (KR); PARK  
HWA-KUN (KR); CHO YONG-BAIK (KR); RYU GEUN-HO (KR); KIM TAEK SOO  
(KR)  
Priority (No,Kind,Date): KR 9331993 A 19931231  
Applic (No,Kind,Date): PL 315174 A 19941230  
IPC: \* C07D-493/22; A61K-035/78  
CA Abstract No: \* 123(23)314213X  
Derwent WPI Acc No: \* C 95-254827  
Language of Document: Polish

## UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): ~~US-5541183~~ A 19960730  
GINKGOLIDE DERIVATIVES Ginkgolide derivatives (English)  
Patent Assignee: SUNKYONG IND LTD (KR)  
Author (Inventor): PARK PYEONG-UK (KR); PYO SUNGSOO (KR); LEE  
SUK-KWAN (KR); SUNG JIN H (KR); KWAK WIE J (KR); PARK HWA-KUN  
(KR); CHO YONG-BAIK (KR); RYU GEUN HO (KR); KIM TAEK S (KR)  
Priority (No,Kind,Date): KR 9331993 A 19931231  
Applic (No,Kind,Date): US 366594 A 19941229  
National Class: \* 514232800; 514468000; 544153000; 544378000;  
546174000; 546197000; 546284100; 548267800; 548526000; 549297000  
IPC: \* A61K-031/365; A61K-031/535; C07D-519/00  
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Derwent WPI Acc No: \* C 95-254827  
Language of Document: English

## WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Patent (No,Kind,Date): WO 9518131 A1 19950706  
NEW GINKGOLIDE DERIVATIVES AND A PROCESS FOR PREPARING THEM (English)  
Patent Assignee: SUNKYONG IND LTD (KR)  
Author (Inventor): PARK PYEONG-UK; PYO SUNGSOO; LEE SUK-KWAN; SUNG JIN  
HEUNG; KWAK WIE JONG; PARK HWA-KUN; CHO YONG-BAIK; RYU GEUN-HO; KIM

TAEK SOO

Priority (No,Kind,Date): KR 9331993 A 19931231

Applic (No,Kind,Date): WO 94KR187 A 19941230

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